

09982801\_CLS

Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09982801 on July 11, 2003

Original Classifications

4 320/106  
2 307/130  
2 323/222  
2 324/433  
2 455/573

Cross-Reference Classifications

3 307/66  
3 320/DIG 21  
3 340/636.15  
2 320/132  
2 320/136  
2 320/152  
2 323/225  
2 323/271  
2 323/284  
2 324/427  
2 324/435  
2 378/102  
2 455/423  
2 455/572  
2 455/9

Combined Classifications

4 307/66  
4 320/106  
3 320/132  
3 320/DIG 21  
3 323/222  
3 324/427  
3 324/433  
3 340/636.15  
3 455/572  
3 455/573  
2 307/10.1  
2 307/130  
2 320/136  
2 320/150  
2 320/152  
2 323/225  
2 323/271  
2 323/284  
2 324/435

301 /  
302 /  
455 /

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2 340/636.13  
2 340/870.02  
2 378/102  
2 455/423  
2 455/9

09982801\_CLSTITLES  
Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 09982801 on July 11, 2003

4	307/66	(1 OR, 3 XR)
	Class 307	: ELECTRICAL TRANSMISSION OR INTERCONNECTION SYSTEMS
	307/43	PLURAL SUPPLY CIRCUITS OR SOURCES
	307/64	.Substitute or emergency source
	307/66	..Storage battery or accumulator
4	320/106	(4 OR, 0 XR)
	Class 320	: ELECTRICITY: BATTERY OR CAPACITOR CHARGING OR DISCHARGING
	320/106	MEANS TO IDENTIFY CELL OR BATTERY TYPE
3	320/132	(1 OR, 2 XR)
	Class 320	: ELECTRICITY: BATTERY OR CAPACITOR CHARGING OR DISCHARGING
	320/127	BATTERY OR CELL DISCHARGING
	320/128	.With charging
	320/130	..Cycling (e.g., discharge/charge cycle, etc.)
	320/132	...With state-of-charge detection
3	320/DIG 21	(0 OR, 3 XR)
	Class 320	: ELECTRICITY: BATTERY OR CAPACITOR CHARGING OR DISCHARGING
	320/DIG 18	INDICATOR OR DISPLAY
	320/DIG 21	.State of charge of battery
3	323/222	(2 OR, 1 XR)
	Class 323	: ELECTRICITY: POWER SUPPLY OR REGULATION SYSTEMS
	323/220	IN SHUNT WITH SOURCE OR LOAD
	323/222	.Using choke and switch across source
3	324/427	(1 OR, 2 XR)
	Class 324	: ELECTRICITY: MEASURING AND TESTING
	324/425	ELECTROLYTE PROPERTIES
	324/426	.Using a battery testing device
	324/427	..To determine ampere-hour charge capacity
3	324/433	(2 OR, 1 XR)
	Class 324	: ELECTRICITY: MEASURING AND TESTING
	324/425	ELECTROLYTE PROPERTIES
	324/426	.Using a battery testing device

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324/433 ..To compare battery voltage with a reference  
voltage

3 340/636.15 (0 OR, 3 XR)

Class 340 : COMMUNICATIONS: ELECTRICAL  
340/500 CONDITION RESPONSIVE INDICATING SYSTEM  
340/540 .Specific condition  
340/635 ..Condition of electrical apparatus  
340/636.1 ...Battery  
340/636.15 ....By voltage

3 455/572 (1 OR, 2 XR)

Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail  
455/572 ..Power supply

3 455/573 (2 OR, 1 XR)

Class 455 : TELECOMMUNICATIONS  
455/73 TRANSMITTER AND RECEIVER AT SAME STATION (E.G.

TRANSCEIVER)

455/550.1 .Radiotelephone equipment detail  
455/572 ..Power supply  
455/573 ...Battery charging

2 307/10.1 (1 OR, 1 XR)

Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION  
SYSTEMS  
307/9.1 VEHICLE MOUNTED SYSTEMS  
307/10.1 .Automobile

2 307/130 (2 OR, 0 XR)

Class 307 : ELECTRICAL TRANSMISSION OR INTERCONNECTION  
SYSTEMS  
307/112 SWITCHING SYSTEMS  
307/116 .Condition responsive  
307/125 ..Electrical  
307/130 ...Voltage

2 320/136 (0 OR, 2 XR)

Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING  
OR DISCHARGING  
320/127 BATTERY OR CELL DISCHARGING  
320/135 .Regulated discharging  
320/136 ..With battery or cell condition monitoring

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(e.g., for protection from overcharging, heating, etc.)

- 2 320/150 (1 OR, 1 XR)  
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING  
OR DISCHARGING  
320/137 BATTERY OR CELL CHARGING  
320/150 .With thermal condition detection
- 2 320/152 (0 OR, 2 XR)  
Class 320 : ELECTRICITY: BATTERY OR CAPACITOR CHARGING  
OR DISCHARGING  
320/137 BATTERY OR CELL CHARGING  
320/150 .With thermal condition detection  
320/152 ..Detection of current or voltage amplitude
- 2 323/225 (0 OR, 2 XR)  
Class 323 : ELECTRICITY: POWER SUPPLY OR REGULATION  
SYSTEMS  
323/220 IN SHUNT WITH SOURCE OR LOAD  
323/223 .Using a three or more terminal semiconductive  
device  
323/225 ..Plural devices
- 2 323/271 (0 OR, 2 XR)  
Class 323 : ELECTRICITY: POWER SUPPLY OR REGULATION  
SYSTEMS  
323/234 OUTPUT LEVEL RESPONSIVE  
323/265 .Using a three or more terminal semiconductive  
device as the final control device  
323/268 ..Including plural final control devices  
323/271 ...Switched (e.g., on-off control)
- 2 323/284 (0 OR, 2 XR)  
Class 323 : ELECTRICITY: POWER SUPPLY OR REGULATION  
SYSTEMS  
323/234 OUTPUT LEVEL RESPONSIVE  
323/265 .Using a three or more terminal semiconductive  
device as the final control device  
323/282 ..Switched (e.g., switching regulators)  
323/284 ...With threshold detection
- 2 324/435 (0 OR, 2 XR)  
Class 324 : ELECTRICITY: MEASURING AND TESTING  
ELECTROLYTE PROPERTIES  
324/425 .Using a battery testing device  
324/426 ..Having particular meter scale or indicator  
324/435

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- 2 340/636.13 (1 OR, 1 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/500 CONDITION RESPONSIVE INDICATING SYSTEM  
340/540 .Specific condition  
340/635 ..Condition of electrical apparatus  
340/636.1 ...Battery  
340/636.13 ....By current
- 2 340/870.02 (1 OR, 1 XR)  
Class 340 : COMMUNICATIONS: ELECTRICAL  
340/870.01 CONTINUOUSLY VARIABLE INDICATING (E.G.,  
TELEMETERING)  
340/870.02 .With meter reading
- 2 378/102 (0 OR, 2 XR)  
Class 378 : X-RAY OR GAMMA RAY SYSTEMS OR DEVICES  
378/91 ELECTRONIC CIRCUIT  
378/101 .X-ray source power supply  
378/102 ..Mobile or portable
- 2 455/423 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/403 RADIOTELEPHONE SYSTEM  
455/422.1 .Zoned or cellular telephone system  
455/423 ..Diagnostic testing, malfunction indication,  
or electrical condition measurement
- 2 455/9 (0 OR, 2 XR)  
Class 455 : TELECOMMUNICATIONS  
455/7 CARRIER WAVE REPEATER OR RELAY SYSTEM (I.E.,  
RETRANSMISSION OF SAME INFORMATION)  
455/9 .Monitoring

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6049144 99  
5525890 98  
5869801 98  
4843640 98  
5266880 98  
5269458 98  
5272386 98  
5442346 98  
5530362 98  
5563452 98  
5610525 98  
5638421 98  
5698965 98  
5717314 98  
5790961 98  
5835366 98  
6046574 98  
6049141 98  
6134457 98  
6172478 98  
6229287 98  
6314307 98  
4280161 88  
4560937 88  
5519388 88  
5629875 88  
5659303 88  
4354182 87  
4521645 87  
4881024 87  
4904996 87  
5666006 87  
5675371 87  
5684387 87  
5737168 87  
5841357 87  
5861729 87  
5867798 87  
6072984 87  
6157175 87  
6215286 87  
6215286 87  
5554954 86  
5570002 86  
5853908 85  
5889384 85  
6025694 85  
4314194 85

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4797907 85  
4851703 85